AMENDMENTS TO THE CLAIMS

Please cancel claims 2, 3, 5, 8 and 14 and amend claims 1, 3, 4, 6, 7, 12-13, 15, 16, and 20 as follows:

1 (currently amended): An actuator controller for use in an actuator assembly, the actuator controller comprising:

a processor for controlling an actuator associated with the actuator controller;

a communication device in communication with said processor, said communication device receiving at least one control ~~commands~~ command indicative of a commanded operational position of said actuator from a master controller, said communication device capable of communicating in multiple languages defined by the master controller; ~~and,~~

a memory accessible by said processor~~,~~; and

said processor accessing said memory to determine if a language identifier parameter is stored in said memory, said processor determining a language of said at least one control command based on said language identifier parameter if said language identifier parameter is stored in said memory, said processor determining said language of said control command in response to communication characteristics of said control command if said language identifier parameter is not stored in said memory ~~said processor determining a language of the control commands and retrieving a control program from said memory corresponding to said language~~.

2 (cancelled).

3 (cancelled).

4 (currently amended): The actuator controller of claim ~~2~~ 1 wherein said ~~actuator~~ language identifier parameter is stored in said memory upon calibration of said actuator.

5 (cancelled).

6 (currently amended): The actuator controller of claim ~~5~~ 1 wherein said processor is further configured to determine whether said communication device is receiving said at least one control ~~commands~~ command from said master controller ~~determining said language includes determining if said communication device is actively receiving said control commands~~.

7 (currently amended): The actuator controller of claim 6 wherein said processor is further configured to determine whether said at least one control command is a valid control command ~~determining said language includes determining if said control commands are valid~~.

8 (cancelled).

9 (original): The actuator controller of claim 1 wherein said processor determining said language is performed repeatedly on a predetermined schedule.

10 (cancelled).

11 (original): The actuator controller of claim 1 wherein said language includes one of UART, CAN, PWM and analog communication techniques.

12 (currently amended): An actuator controller for use in an actuator assembly, the actuator controller comprising:

a processor for controlling an actuator associated with the actuator controller;

a communication device in communication with said processor, said communication device receiving at least one control ~~commands~~ command indicative of a commanded operational position of said actuator from a master controller, said communication device capable of communicating in multiple languages defined by said master controller; and,

a memory accessible by said processor,

said processor ~~attempting~~ being configured to determine a language of the control ~~commands~~ command based on either a language identifier parameter stored in said memory or a communication characteristic of said control command, said processor ~~and~~ retrieving a control program from said memory corresponding to said language if said processor determines said language,~~; wherein~~ said processor ~~generates~~ generating a default command position for said actuator upon failing to determine said language.

13 (currently amended): A method of automatically selecting a language for use with an actuator controller, the method comprising:

receiving at least one control ~~commands~~ command indicative of a commanded operational position of an actuator from a master controller;

determining a language of the control ~~commands~~ command;

and retrieving a control program corresponding to said language;

wherein ~~said~~ the step of determining said language includes:

accessing a memory to determine if an language identifier parameter is stored in said memory;

determining said language of the control ~~commands~~ command based on said language identifier parameter if said language identifier parameter

is stored in said memory ~~in response to an actuator identifier if said actuator is calibrated~~; and

determining said language in response to communication characteristics of said control ~~commands~~ command if said language identifier parameter is not stored in said memory ~~if said actuator is not calibrated~~.

14 (cancelled).

15 (currently amended): The method of claim 13 ~~wherein said determining said language includes~~ further comprising determining active receipt of said at least one control ~~commands~~ command when determining said language.

16 (currently amended): The method of claim 15 ~~wherein said determining said language includes~~ further comprising determining if said control ~~commands are~~ command is valid when determining said language.

17 (original): The method of claim 13 further comprising repeatedly determining said language on a predetermined schedule.

18 (canceled).

19 (original): The method of claim 13 wherein said language includes one of UART, CAN, PWM and analog communication techniques.

20 (currently amended): A method of automatically selecting a language for use with an actuator controller, the method comprising:

receiving at least one control ~~commands~~ command indicative of a commanded operational position of an actuator from a master controller;

attempting to determine a language of the control ~~commands~~ command based on either a language identifier parameter stored in a memory or a communication characteristic of said control command;

retrieving a control program from the memory corresponding to said language if said language is determined; and

~~and retrieving a control program corresponding to said language;~~

~~wherein said determining said language includes:~~

~~determining said language of the control commands in response to an actuator identifier if said actuator is calibrated; and determining said language in response to communication characteristics of said control commands if said actuator is not calibrated;~~ generating a default command position for said actuator upon failing to determine said language.

Please add new claims 21 and 22 as follows:

21 (new): The actuator controller of claim 1, wherein said processor is further configured to induce an actuator shaft of said actuator to move to said commanded operational position based on said control command from said master controller.

22 (new): The actuator controller of claim 1, wherein said master controller comprises an engine control module.